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Effective on 12/08/2004.

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# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

**Complete if Known**

Application Number	10/716890
Filing Date	11/19/2003
First Named Inventor	Zhaoning Zhu, et al.
Examiner Name	Ebenezer O. Sackey
Art Unit	1626
Attorney Docket No.	IN01535KB

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 19-0365 Deposit Account Name: Schering-Plough Corp.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
70	- 20 or HP =	x	=			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
	- 3 or HP =	x	=			
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	=

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: IDS

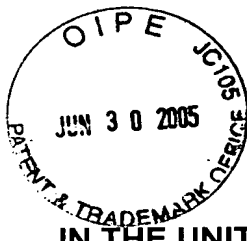
\$180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 34,634	Telephone (908) 298-5068
Name (Print/Type)	Palaiyur S. Kalyanaraman	Date	06/30/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT: IN01535KB**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Zhaoning Zhu, et al.

**Serial No.: 10/716,890**

**Filed: 11/19/2003**

For: **COMPOUNDS FOR THE TREATMENT :  
OF INFLAMMATORY DISORDERS :**

**Examiner: Ebenezer O. Sackey**

**Group Art Unit: 1626**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop: Amendment

## **INFORMATION DISCLOSURE STATEMENT**

**Sir:**

Submitted herewith is Applicants' PTO-1449 form for the above-identified application. Also submitted herewith are copies of the Information Disclosure Statements from Applicants' parent Application Serial No. 10/323,511, filed December 19, 2002, the IDS that was filed, and the PTO-1449 from the IDS.

Since the cited references were cited in Applicants' parent Application, copies of the references are not being submitted herewith. The Examiner is requested to notify the undersigned if another copy of the references is desired.


07/06/2005 EFLDRES' 00000111 190365 10716890

01 FC:1806 180.00 DA

Applicants request that the cited references be made of record in the above-identified Application.

Respectfully submitted,

Dated: 06/30/2005  
**Schering-Plough Corporation**  
Patent Department, K-6-1, 1990  
2000 Galloping Hill Road  
Kenilworth, NJ 07033-0530  
Facsimile No.: (908) 298-5388

By:   
Name: Palaiyur S. Kalyanaraman  
Reg. No.: 34,634  
**Attorney of Record**  
Telephone No.: (908) 298-5068

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:

SERIAL NO.:

IN01535KB

10/716,890

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

APPLICANT:

Zhaoning Zhu et al.

FILING DATE:

11/19/2003

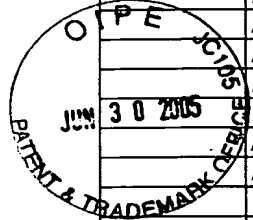
GROUP:

1626

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4267333	05/12/81	Tsao			
	AB	3740412	06/19/73	E. Ullman et al.			
	AC	3997223	12/14/76	H. Feldman et al.			
	AD	4166452	09/04/79	C. D.J. Generales, Jr.			
	AE	4256108	03/17/81	F. Theeuwes			
	AF	4265874	05/05/81	Bonsen, et al.			
	AG	4431661	02/14/84	McKenzie et al.			
	AH	4435419	03/06/84	Epstein et al.			
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	AJ	5037853	08/06/91	Brooks et al.			
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	BK	5985900	11/16/99	Bender et al.			
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	BM	6057336	05/02/00	Duane et al.			
	BN	6066633	05/23/00	De Nanteuil et al.			
	BO	6071903	06/06/00	Albright et al.			
	BP	6103739	08/15/00	Floyd et al.			
	BQ	6114361	09/05/00	Robinson et al.			
	BR	6153757	11/28/00	Zook et al.			
	BS	6172057	01/09/01	Venkatesan et al.			
	BT	6177077	01/23/01	Tobinick et al.			
	BU	6197791	03/06/01	Venkatesan et al.			
	BV	6200996	03/13/01	Levin et al.			
	BW	6225311	05/01/01	Levin et al.			
	BX	6277885	08/21/01	Levin et al.			
	BY	6294539	09/25/01	Lou et al.			
	BZ	6313123	11/06/01	Levin et al.			
	CA	6326516	12/04/01	Levin et al.			
	CB	6372747	04/16/02	Taveras et al.			
	CC	US2001/0046989	11/29/01	Levin et al.			



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: <b>IN01535KB</b>		SERIAL NO.: <b>10/716,890</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>				APPLICANT: <b>Zhaoning Zhu et al.</b>			
				FILING DATE: <b>11/19/2003</b>		GROUP: <b>1626</b>	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	CD	AU534404 B	01/26/84	AUSTRALIA			
	CE	CA2166168 A1	06/29/96	CANADA	C07H	15/26	
	CF	CA2260337 A1	07/27/99	CANADA	C07C	311/46	
	CG	CA2281570 A1	09/17/98	CANADA	A61K	35/60	
	CH	DE19831980 A1	01/20/00	GERMANY	C07F	9/38	
	CI	EP00952148 A1	10/27/99	EUROPE	C07C	317/14	
	CJ	EP0097816 B1	05/18/88	EUROPE	B41J	5/28	
	CK	EP0887077A1	12/30/88	EUROPE	A61K	31/015	
	CL	EP1004578 A2	05/31/00	EUROPE	C07D	207/28	
	CM	EP1029851 A1	08/23/00	EUROPE	C07D	213/74	
	CN	EP1041072 A1	10/04/00	EUROPE	C07D	317/44	
	CO	EP1081137 A1	03/07/01	EUROPE	C07D	211/96	
	CP	EP498665 B1	04/24/96	EUROPE	C07C	259/06	
	CQ	EP574758 B1	09/09/98	EUROPE	C07D	209/48	
	CR	EP641323 A1	09/29/94	EUROPE	C07D	215/38	
	CS	EP667770 B1	03/19/97	EUROPE	A61K	31/16	
	CT	EP684240 B1	08/02/00	EUROPE	C07D	401/06	
	CU	EP757037 A2	02/05/97	EUROPE	C07C	311/42	
	CV	EP769947 B1	05/02/01	EUROPE	A61K	31/40	
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	CY	EP818442-A3	12/30/88	EUROPE	C07C	317/44	
	CZ	EP863885 A2	05/22/97	EUROPE	C07D	413/12	
	DA	EP871439 A1	07/10/97	EUROPE	A61K	31/19	
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	DD	EP895988 B1	05/22/02	EUROPE	C07C	311/19	
	DE	EP922702 A1	06/16/99	EUROPE	C07D	295/185	
	DF	FR2780402 A1	12/31/99	FRANCE	C07D	233/12	
	DG	FR2788525 A1	07/21/00	FRANCE	C07K	5/08	
	DH	GB2200628 A	08/10/88	UNITED KINGDOM	C07D	303/02	
	DI	GB2268934 A	01/26/94	UNITED KINGDOM	C07C	259/06	
	DJ	GB2333524 A	07/28/99	UNITED KINGDOM	C07D	213/75	
	DK	JP95002797	01/06/95	JAPAN	C07D	237/04	
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	DM	JP98204054	08/04/98	JAPAN	C07C	311/29	
	DN	JP98204059	08/04/98	JAPAN	C07D	209/10	
	DO	WO00/06560 A1	02/10/00	PCT	C07D	307/91	
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	DV	WO00/12478 A1	03/09/00	PCT	C07D	213/42	
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	DY	WO00/24720 A1	05/04/00	PCT	C07D	249/08	
	DZ	WO00/32570 A1	06/08/00	PCT	C07C	311/49	
	EA	WO00/35885 A1	06/22/00	PCT	C07D	133/80	

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: <b>IN01535KB</b>	SERIAL NO.: <b>10/716,890</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>				APPLICANT: <b>Zhaoning Zhu et al.</b>				
				FILING DATE: <b>11/19/2003</b>	GROUP: <b>1626</b>			
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	EB	WO00/37433 A1	06/22/00	PCT	C07C	259/10		
	EC	WO00/40564 A1	07/13/00	PCT	C07D	223/16		
	ED	WO00/40576 A2	07/13/00	PCT	C07D	355/02		
	EE	WO00/40578 A1	07/13/00	PCT	C07D	403/12		
	EF	WO00/42436 A1	07/20/00	PCT	G01N	33/68		
	EG	WO00/44709 A2	08/03/00	PCT	C07C	311/00		
	EH	WO00/44711 A1	08/03/00	PCT	C07C	311/29		
	EI	WO00/44713 A1	08/03/00	PCT	C07C	317/44		
	EJ	WO00/44716 A1	08/03/00	PCT	C07C	323/49		
	EK	WO00/44723 A1	08/03/00	PCT	C07D	211/66		
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	EM	WO00/44740 A2	08/03/00	PCT	C07D	333/00		
	EN	WO00/44749 A1	08/03/00	PCT	C07D	471/04		
	EO	WO00/46189 A1	08/10/00	PCT	C07C	311/15		
	EP	WO00/46221 A1	08/10/00	PCT	C07D	415/12		
	EQ	WO00/50391 A1	08/31/00	PCT	C07C	311/21		
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	ET	WO00/58304 A1	10/05/00	PCT	C07D	401/12		
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	EY	WO00/69812 A1	11/23/00	PCT	C07C	259/06		
	EZ	WO00/69827 A1	11/23/00	PCT	C07D	215/22		
	FA	WO01/22952 A2	04/05/01	PCT	A61K	31/00		
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	FE	WO01/70673 A2	09/27/01	PCT	C07C	237/00		
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	FI	WO02/18326 A1	03/07/02	PCT	C07C	259/06		
	FJ	WO02/96426 A1	12/05/02	PCT	A61K	31/4709		
	FK	WO03/016248 A2	02/27/01	PCT	C07C			
	FL	WO03/024899 A2	03/27/03	PCT	C07C			
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	FN	WO93/07111 A1	04/15/93	PCT	C07C	49/753		
	FO	WO93/20047 A1	10/14/93	PCT	C07C	317/44		
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	FQ	WO94/21612 A1	09/29/94	PCT	C07D	215/38		
	FR	WO94/24140 A1	10/27/94	PCT	C07H	13/04		
	FS	WO94/27947 A1	12/08/94	PCT	C07C	47/47		
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	FU	WO95/09841 A1	04/13/95	PCT	C07C	323/60		
	FV	WO95/19956 A1	07/27/95	PCT	C07C	259/06		
	FW	WO95/19957 A1	07/27/95	PCT	C07C	259/06		

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				FILING DATE: <b>11/19/2003</b>		GROUP: <b>1626</b>		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	FX	WO95/19961 A1	07/27/95	PCT	C07C	323/41		
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	GA	WO96/33166 A1	10/24/96	PCT	C07C	259/06		
	GB	WO96/33176 A1	10/24/96	PCT	C07D	235/16		
	GC	WO96/40204 A1	12/19/96	PCT	A61K	38/05		
	GD	WO97/03105 A1	01/30/97	PCT	C08G	65/22		
	GE	WO97/09066 A1	03/13/97	PCT	A61K	45/00		
	GF	WO97/12902 A1	04/10/97	PCT	C07K	5/03		
	GG	WO97/18188 A1	05/22/97	PCT	C07C	259/06		
	GH	WO97/18207 A2	05/22/97	PCT	C07D	413/12		
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	GJ	WO97/20824 A1	06/12/97	PCT	C07D	241/04		
	GK	WO97/22587 A1	06/26/97	PCT	C07D	213/42		
	GL	WO97/24117 A1	07/10/97	PCT	A61K	31/19		
	GM	WO97/32846 A1	09/12/97	PCT	C07D	207/26		
	GN	WO97/40031 A1	10/30/97	PCT	C07D	285/125		
	GO	WO97/42168 A1	11/13/97	PCT	C07C	323/22		
	GP	WO98/02557 A2	01/22/98	PCT	C12N	15/57		
	GQ	WO98/03164 A1	01/29/98	PCT	A61K	31/165		
	GR	WO98/03516 A1	01/29/98	PCT	C07F	9/30		
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	GT	WO98/08822 A1	03/05/98	PCT	C07D	239/04		
	GU	WO98/08823 A1	03/05/98	PCT	C07D	239/06		
	GV	WO98/08825 A1	03/05/98	PCT	C07D	241/04		
	GW	WO98/08827 A1	03/05/97	PCT	C07D	243/08		
	GX	WO98/09957 A1	03/12/98	PCT	C07D	307/91		
	GY	WO98/09961 A1	03/12/98	PCT	C07D	410/12		
	GZ	WO98/12211 A1	03/26/98	PCT	C07K	5/078		
	HA	WO98/13340 A1	04/02/98	PCT	C07C	317/44		
	HB	WO98/15525 A1	04/16/98	PCT	C07C	259/06		
	HC	WO98/16503 A2	04/23/98	PCT	C07C	311/00		
	HD	WO98/16506 A1	04/23/98	PCT	C07C	311/20		
	HE	WO98/16514 A1	04/23/98	PCT	C07D	215/54		
	HF	WO98/16520 A1	04/23/98	PCT	C07D	333/38		
	HG	WO98/17643 A1	04/30/98	PCT	C07D	207/327		
	HH	WO98/17655 A1	04/30/98	PCT	C07D	295/18		
	HI	WO98/22436 A1	05/28/98	PCT	C07D	323/56		
	HJ	WO98/23588 A1	06/04/98	PCT	C07D	209/48		
	HK	WO98/24759 A1	06/11/98	PCT	C07C	259/06		
	HL	WO98/27069 A1	06/25/98	PCT	C07D	241/04		
	HM	WO98/30541 A1	07/16/98	PCT	C07D	209/18		
	HN	WO98/30551 A1	07/16/98	PCT	C07D	267/00		
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	HR	WO98/37877 A1	09/03/98	PCT	A61K	3/16		
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	HT	WO98/38167 A1	09/03/98	PCT	C07D	215/54		
	HU	WO98/38179 A1	09/03/98	PCT	C07D	277/46		
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